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AMERICAN CYANAMID COMPANY
PIGMENTS DIVISION
PINEY RIVER PLANT

March 20, 1970

To: Piney River Plant — Copy To: Mr. J. F. Hopkins
Att'n. Of: Mr. S. A. Lamanna
Subject: Waste Acid Recovery Plant

The attached flow sheet shows a proposed pilot plant to be used for studying recovery of waste acid. The estimated cost for this pilot plant is \$10,565.

The pilot plant would be used to determine the following type of information:

1. Materials of construction,
2. Economics of manufacturing recovered acid,
3. Boiling point and chemical composition at various vacuums and temperatures,
4. Determine scale-up factors,
5. Filtration characteristics at various concentrations,
6. Provide recovered acid for determining effects on quality, and
7. Provide sludge for evaluation in producing by-products.

Richard L. Bennett

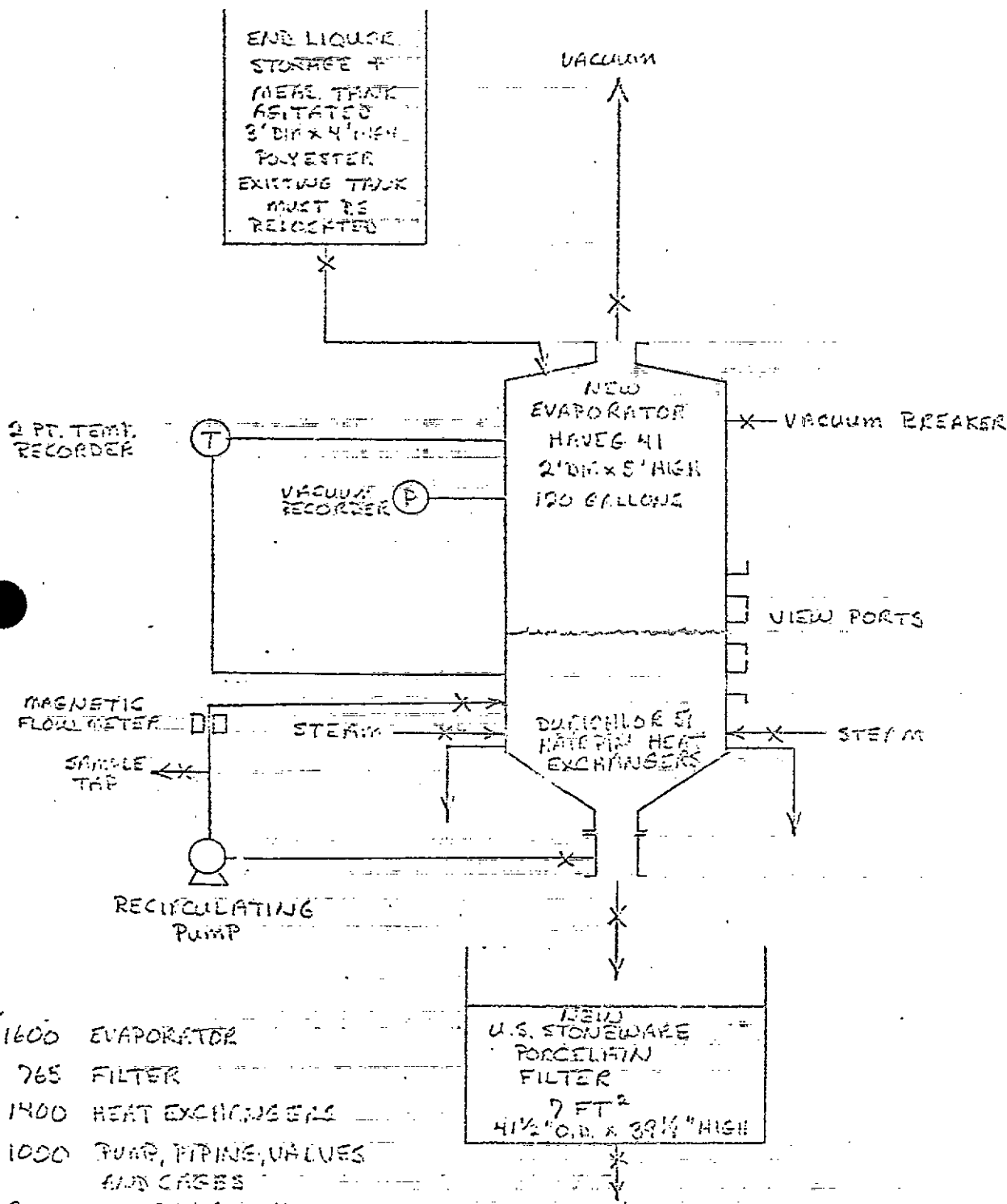
Richard L. Bennett

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Attachment

200089

ACID RECOVERY PILOT PLANT



\$1600 EVAPORATOR
765 FILTER
1400 HEAT EXCHANGERS
1000 PUMP, PIPE, VALVES
AND CASES
2000 INSTALLATION
200 2 PT. TEMP. RECORDER
200 VACUUM RECORDER
2000 MAGNETIC FLOW METER
2000

200090

20/9/90
R.L.E.